

ABSTRACT

- (056) A Selective Position Control system and method is disclosed. The system includes a Processor, a Remote Control, a Solenoid Valve in conjunction with interacting valving, a Potentiometer or Ultra-Sonic device, and necessary wiring.
- (057) The system interfaces with the tractor's manual hydraulic lever operations which raise or lower equipment by effecting cylinder extensions or retractions. The system is separate from the tractor hydraulic system but interfaces by energizing a Solenoid Valve that stops oil flow and causes the manually detented tractor hydraulic valve to center from a working position.
- (058) The system's Processor establishes two programmable Toggle switch settings, one typically slaved to the other. The system accommodates other manually activated positions, up or down, from programmed positions, with return to set points of programmed positions.
- (059) The Remote Control incorporates a Toggle device with three positions, an up/down Rocker switch, a Set switch and an LED readout.